

MARINE SAFETY MANUAL

CHAPTER 3. ENGINEERING SYSTEMS

A. Introduction.

1. Content and Purpose of the Marine Safety Manual, Vol. IV Chapter 3 (MSM IV CH 3)

- a. Purpose. The purpose of the Marine Safety Manuals (MSM) is described in Marine Safety Manual Volume I, Administration and Management, COMDTINST M16000.6 (series), Chapter 1, Section B (available online, see note below). The Marine Safety Manual, Volume IV, Technical, COMDTINST M16000.9 (series), Chapter 3 is intended to provide additional technical information and explanation of Marine Safety engineering systems regulations.
- b. Content. The primary content of this chapter is provided to augment Title 46, Code of Federal Regulations (CFR), Subchapters F and J (46 CFR 50-64 and 46 CFR 110-113).

Section A of this chapter, "Engineering Scope and Program Interfaces", provides further detail of the purpose, application and content of this chapter.

Locating the Marine Safety Manuals (MSM) on the Internet: The MSM is accessible through the Internet by first locating the U.S. Coast Guard home page (<http://www.uscg.mil/>), then select "Marine Safety" under Missions, then "Site Map". Links to the MSM as well as other useful sites including the "G-MSE Office of Design and Engineering Standards" are available there. The Marine Safety Manuals are also available on the USCG Directives System at: <http://www.uscg.mil/ccs/cit/cim/directives/welcome.htm>.

Locating Navigation and Vessel Inspection Circulars (NVICs) on the Internet: NVICs may be located from the U.S. Coast Guard home page by following the same steps listed above. The direct link is: <http://www.uscg.mil/hq/g-m/nvic/index.htm>.

2. Overview of Changes to Marine Safety Manual, Volume IV, Technical, COMDTINST M16000.9 (series), Chapter 3 (MSM IV CH 3)

- a. Introduction. This revision is a first step in an ongoing project that will be completed in two phases. This phase of the project focuses on areas that are most obviously in need of revision, and can be corrected rapidly. The next phase will be a more detailed revision to add content regarding new systems, and to incorporate the useful information from mechanical and electrical related Navigation and Vessel Inspection Circulars (NVICs).
- b. Overview of Changes. Major changes from the previous MSM IV Ch3:
 - (1) Updated CFR references
 - (2) Sections re-arranged to coincide with relative location of information in CFR
 - (3) Deleted obvious outdated information
 - (4) Changed point of contact information (ex: Commandant (G-MTH) is now Commandant (G-MSE))